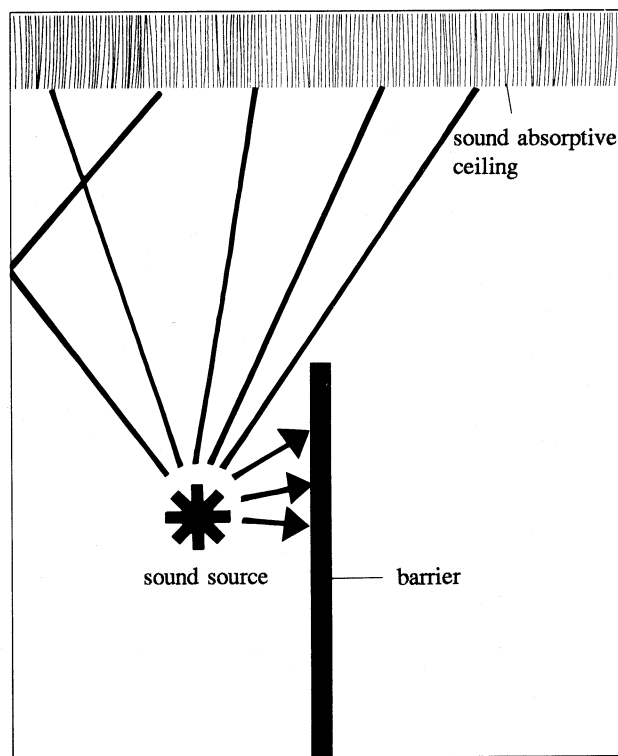
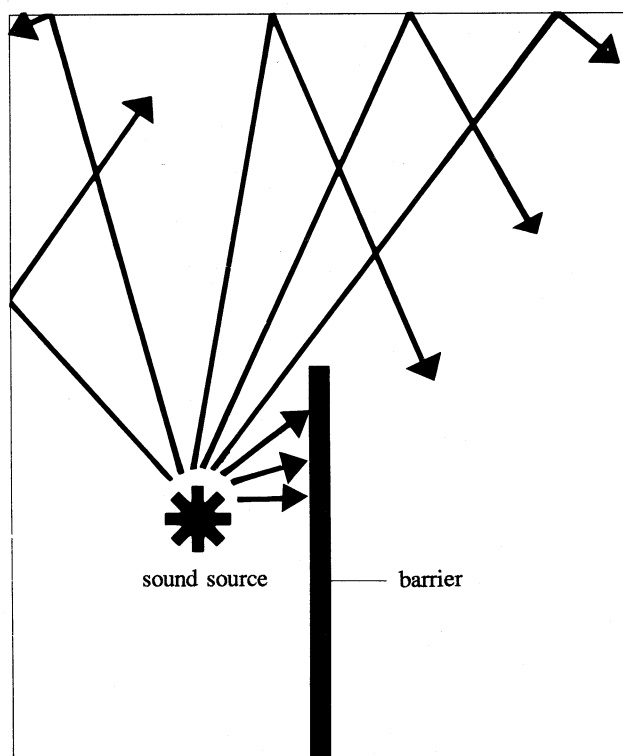


SOUND BARRIERS MAY BE COMBINED WITH SOUND ABSORPTIVE CEILINGS

High frequency noise can be reduced by using a barrier. The barrier is more effective the taller it is and the closer it is placed to the source. The effect of a barrier is considerably reduced if the ceiling is not covered with a sound absorptive material.

Principle



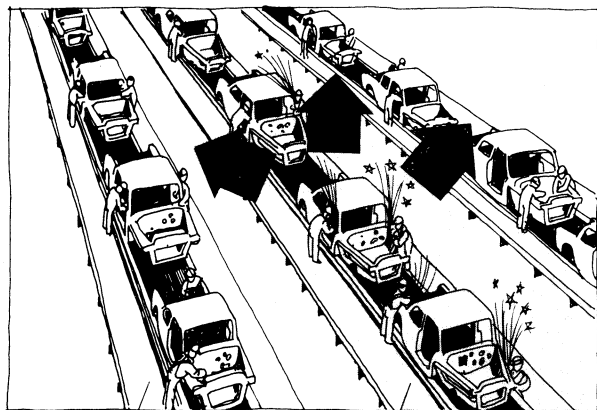
Application on a factory floor

Example

In an auto plant with several assembly lines, the work on one line is noisier than the others. Grinding work on the bodies produces a shrieking, high frequency sound, disturbing everyone in the plant.

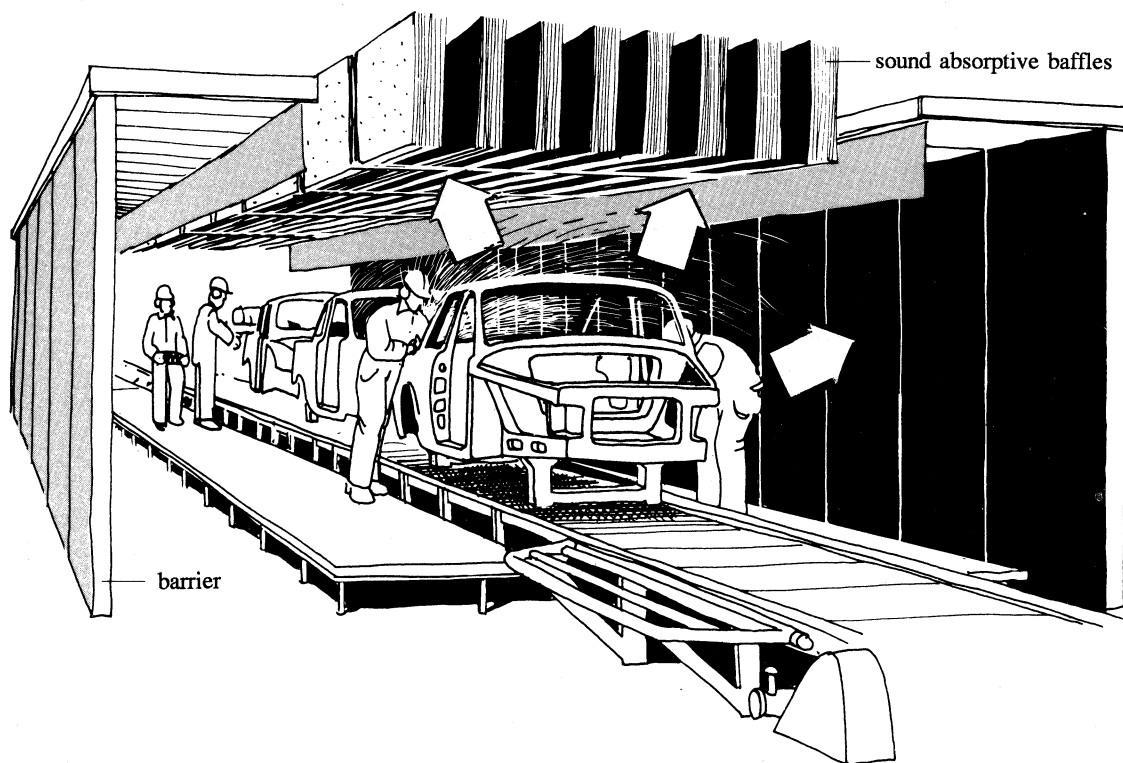
Control Measure

The other lines are protected from the grinding noise by means of barriers on both sides of the line and sound absorptive baffles suspended above the open area.



line with low noise

line with intense noise



sound absorptive baffles

barrier